

UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b))	Attorney Docket No.	1803-332-999	Total Pages	
	First Named Inventor or Application Identifier			
	Ursula Markau			
	Express Mail Label No.	EL 452 482 278 US		

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
<div>1. <input checked="" type="checkbox"/> Fee Transmittal Form Submit an original, and a duplicate for fee processing</div> <div>2. <input checked="" type="checkbox"/> Specification [Total Pages 26] (preferred arrangement set forth below) <div>-Descriptive title of the Invention</div><div>-Cross Reference to Related Applications</div><div>-Statement Regarding Fed sponsored R&D</div><div>-Reference to Microfiche Appendix</div><div>-Background of the Invention</div><div>-Brief Summary of the Invention</div><div>-Brief Description of the Drawings (if filed)</div><div>-Detailed Description of the Invention (including drawings, if filed)</div><div>-Claim(s)</div><div>-Abstract of the Disclosure</div></div> <div>3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 7]</div> <div>4. <input checked="" type="checkbox"/> Oath or Declaration [Total Sheets 5] <div><input type="checkbox"/> Newly executed (original or copy)</div><div><input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) [Note Box 5 below]</div><div>i. <input type="checkbox"/> <u>DELETION OF INVENTORS(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33 (b).</div></div> <div>5. <input type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</div>	<div>6. <input type="checkbox"/> Microfiche Computer Program (Appendix)</div> <div>7. <input checked="" type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) <div>a. <input checked="" type="checkbox"/> Computer Readable Copy</div><div>b. <input checked="" type="checkbox"/> Paper Copy (identical to computer copy)</div><div>c. <input checked="" type="checkbox"/> Statement verifying identity of above copies</div></div>
ACCOMPANYING APPLICATION PARTS	
<div>8. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))</div> <div>9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney (copy from parent) (when there is an assignee)</div> <div>10. <input type="checkbox"/> English Translation Document (if applicable)</div> <div>11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</div> <div>12. <input type="checkbox"/> Preliminary Amendment</div> <div>13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</div> <div>14. <input type="checkbox"/> Applicant claims Small Entity status, see 37 C.F.R. § 1.27</div> <div>15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</div> <div>16. <input type="checkbox"/> Other:</div>	

17. If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information:
☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: 09/204,208 filed December 1, 1998.

18. CORRESPONDENCE ADDRESS	
Customer Number: 11111111111111111111	24341 (Insert Customer No. or Attach bar code label here)
or <input type="checkbox"/> Correspondence address below	

NAME					
ADDRESS					
CITY	STATE	ZIP CODE			
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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICEPrior application: Examiner R. HutsonArt Unit 1652

Assistant Commissioner for Patents
 Box PATENT APPLICATION
 Washington, D.C. 20231

Sir:

This is a request for filing a ☒ continuation ☐ divisional application under 37 CFR § 1.53(b), of pending prior Application Serial No. 09/204,208 filed on December 1, 1998.

of Ursula Markau, Christine Ebenbichler, Gunthar Achhammer, and Waltraud Ankenbauer
 (inventor(s) currently of record in prior application)

for MODIFIED DNA-POLYMERASE FROM CARBOXYDOTHERMUS HYDROGENOFORMANS AND ITS USE FOR COUPLED REVERSE TRANSCRIPTION AND POLYMERASE CHAIN REACTION
 (title of invention)

1. ☒ The filing fee is calculated below:

PATENT APPLICATION FEE VALUE


TYPE	NO. FILED	LESS	EXTRA	EXTRA RATE	FEE
Total Claims	23	-20	3	\$18.00 each	\$ 54.00
Independent	4	-3	1	\$84.00 each	\$ 84.00
Basic Fee					\$ 740.00
Multiple Dependency Fee If Applicable (\$280.00)					\$ 0.00
Total					\$ 878.00
50% Reduction for Independent Inventor, Nonprofit Organization or Small Business Concern					- \$ 0.00
Total Filing Fee					\$ 878.00

2. ☒ Please charge the required fee to Pennie & Edmonds LLP Deposit Account No. 16-1150. A copy of this sheet is enclosed.
3. ☒ Amend the specification by inserting before the first line the following sentence: This is a continuation of Application Serial No. 09/204,208, filed December 1, 1998, the content of which is hereby incorporated by reference in its entirety.

- 4a. ☒ New formal drawings are enclosed.
- 4b. ☐ Informal drawings are enclosed.
- 5a. ☒ Priority of Application Serial No. 09/204,208 filed on 12-1-98 in U.S. Patent & Trademark Office is claimed under 35 U.S.C. §120.
- 5b. ☐ The certified copy has been filed in prior Application Serial No. , filed .
6. ☐ The prior application is assigned of record to.
- 7a. ☒ A copy of the Power of Attorney filed in the prior Application Serial No. 09/204,208, filed 12-1-98 is enclosed.
- 7b. ☐ A Power of Attorney is enclosed.
8. ☐ This application contains nucleic acid and/or amino acid sequences required to be disclosed in a Sequence Listing under 37 CFR §§1.821-1.825. It is requested that the Sequence Listing in computer readable form from prior Application Serial No., filed on be made a part of the present application as provided for by 37 C.F.R. §1.821(e). The sequences disclosed therein are the same as the sequences disclosed in this application. A copy of the paper Sequence Listing from Application Serial No. is enclosed.
9. ☒ The undersigned states, under 37 C.F.R. §1.821(f), that the content of the enclosed paper Sequence Listing from Application Serial No. 09/204,208 is the same as the content of the computer readable form submitted in Application Serial No.09/204,208.
10. ☐ DO NOT PUBLISH. I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).
11. ☐ Additional enclosures or instructions.

Respectfully submitted,

Date: February 5, 2002

 42,983
 Rahul Pathak (Reg. No.)
 For: Jennifer Gordon (Reg. No. 30,753)
PENNIE & EDMONDS LLP
 1155 Avenue of the Americas
 New York, New York 10036
 (212) 790-9090

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Markau *et al.*

Serial No.: To be assigned

Art Unit: To be assigned

Filed: To be filed

Examiner: To be assigned

For: MODIFIED DNA-POLYMERASE FROM
CARBOXYDOTHENUS HYDROGENOFORMANS
AND ITS USE FOR COUPLED REVERSE
TRANSCRIPTION AND POLYMERASE CHAIN
REACTION

Attorney Docket No.: 1803-332-999

TRANSMITTAL OF SEQUENCE LISTING

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. § 1.821, Applicants, in connection with the above-identified patent application, submits herewith a Sequence Listing in paper and computer readable form pursuant to 37 C.F.R. §§ 1.821(c) and (e).

I hereby state that the content of the paper and computer readable copies of the Sequence Listing, submitted in accordance with 37 C.F.R. §§ 1.821(c) and (e), respectively, are the same.

No fees are believed due in connection with this response. However, the Commissioner is authorized to charge all required fees under 37 C.F.R. § 1.17 and all required extension of time fees, or credit any overpayment, to Pennie & Edmonds U.S. Deposit Account No. 16-1150 (order no. 1803-332-999).

Respectfully submitted,

Date: February 5, 2002



42,983

Rahul Pathak

(Reg. No.)

For: Jennifer Gordon (Reg No. 30,753)

PENNIE & EDMONDS LLP

1155 Avenue of the Americas

New York, New York 10036

(212) 790-9090